

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: INVUE

Report Number: P672425

Luminaire Tested: **CCP-SA-1F-760-U-5WQ**

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672425  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-1F-760-U-5WQ  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/ 5WQ distribution lens  
Light Source: (16) 5700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

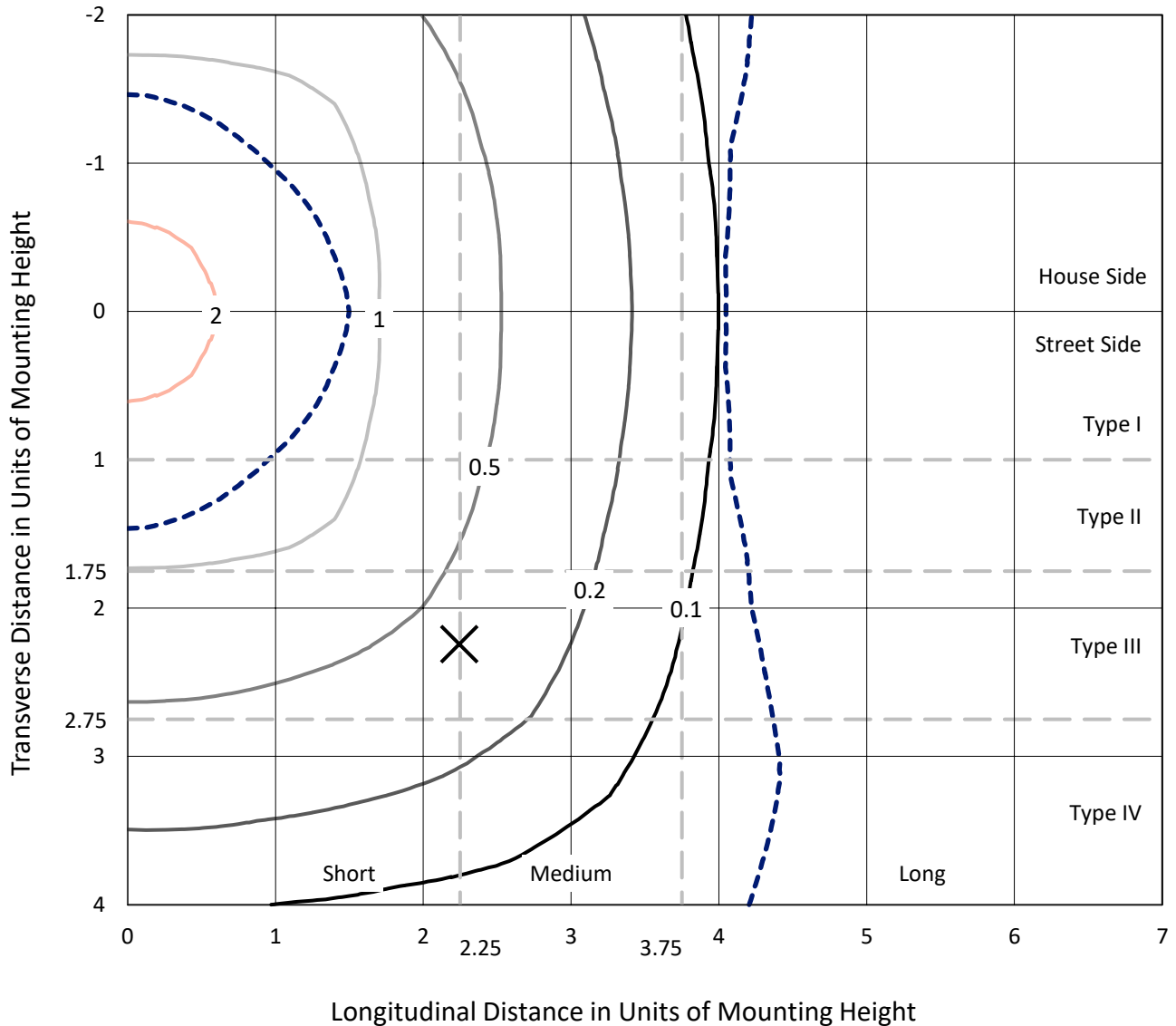
Lumens per Lamp: N/A  
Luminaire Lumens: 8038.3 lumens  
Efficiency: N/A  
Efficacy: 120.0 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G2

Input Watts (W): 67  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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### Iso-Footcandle Lines of Horizontal Illumination

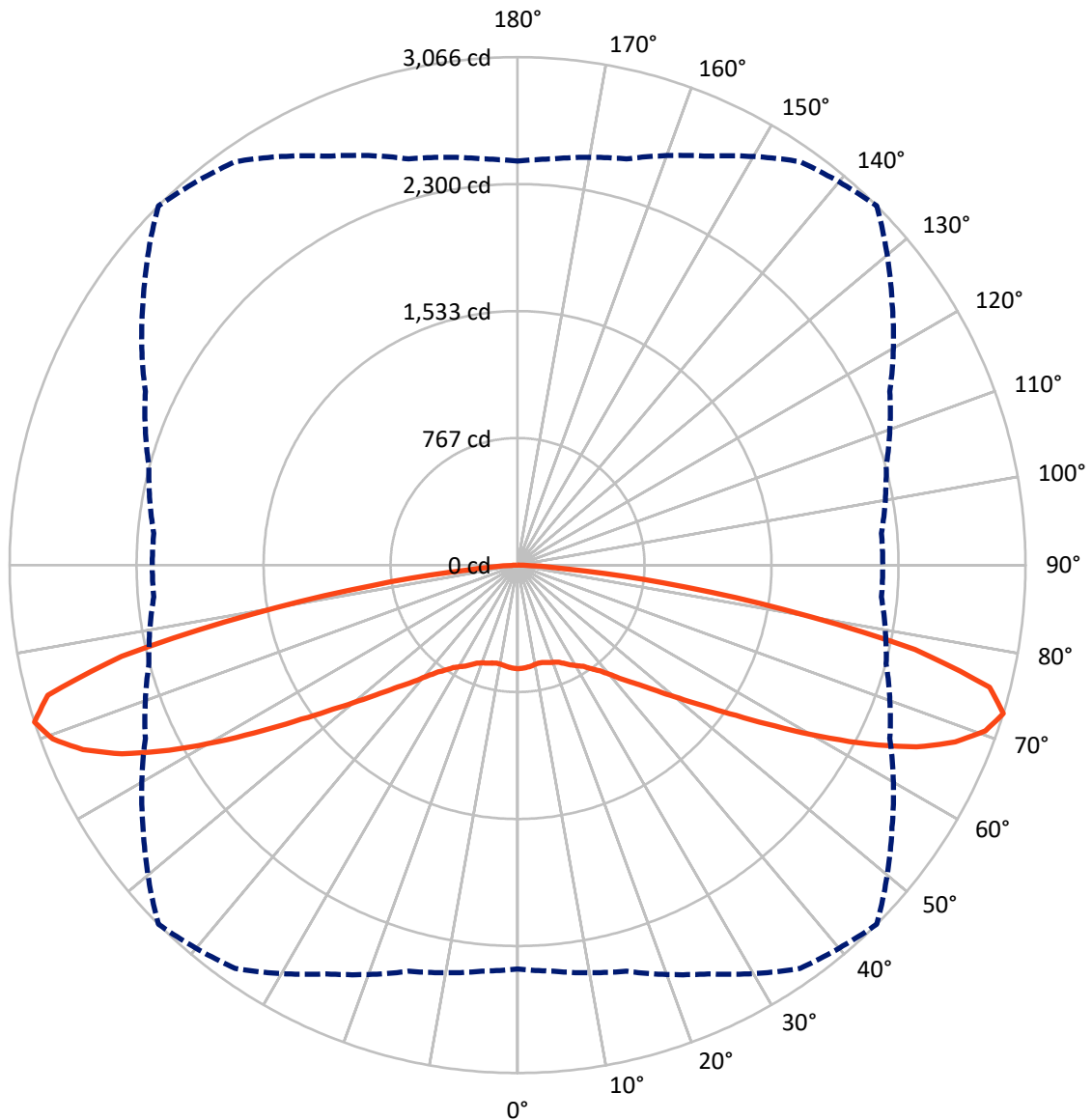
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.8 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral    - - - Horizontal Cone Through 72.5-Deg Vertical

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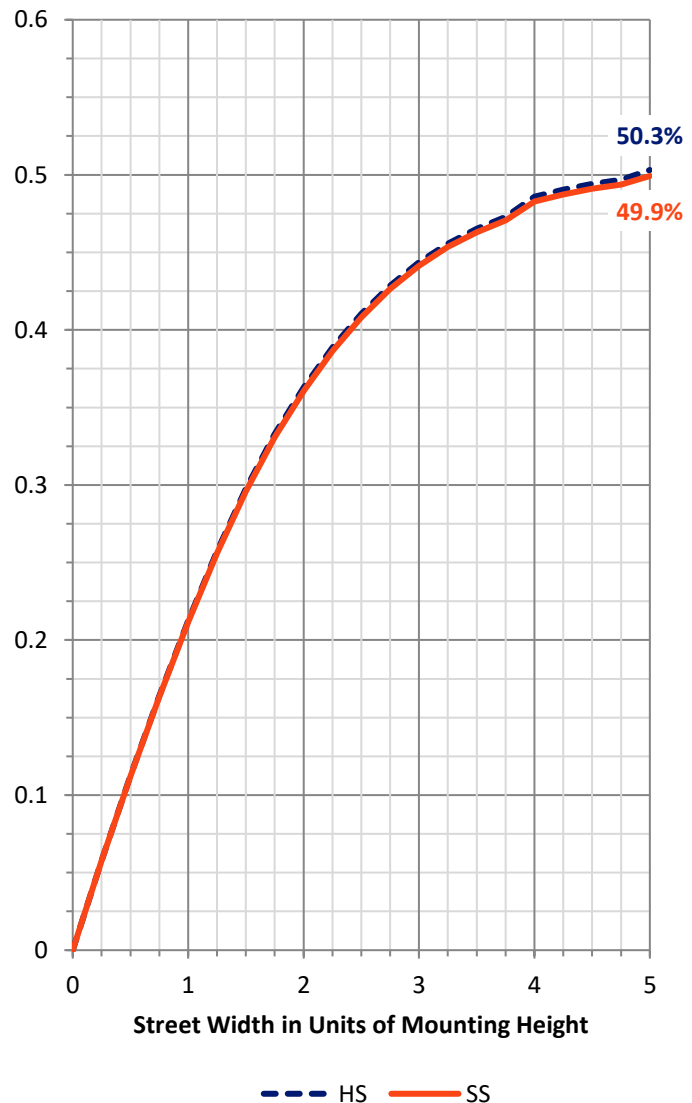
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4019.2	0.0	4019.2
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	4019.2	0.0	4019.2
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	8038.3	0.0	8038.3
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	58.8	0.7
10°-20°	174.6	2.2
20°-30°	306.7	3.8
30°-40°	489.3	6.1
40°-50°	818.2	10.2
50°-60°	1400.1	17.4
60°-70°	2311.3	28.8
70°-80°	2215.3	27.6
80°-90°	264.2	3.3
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	8038.3	100.0
0°-180°	8038.3	100.0



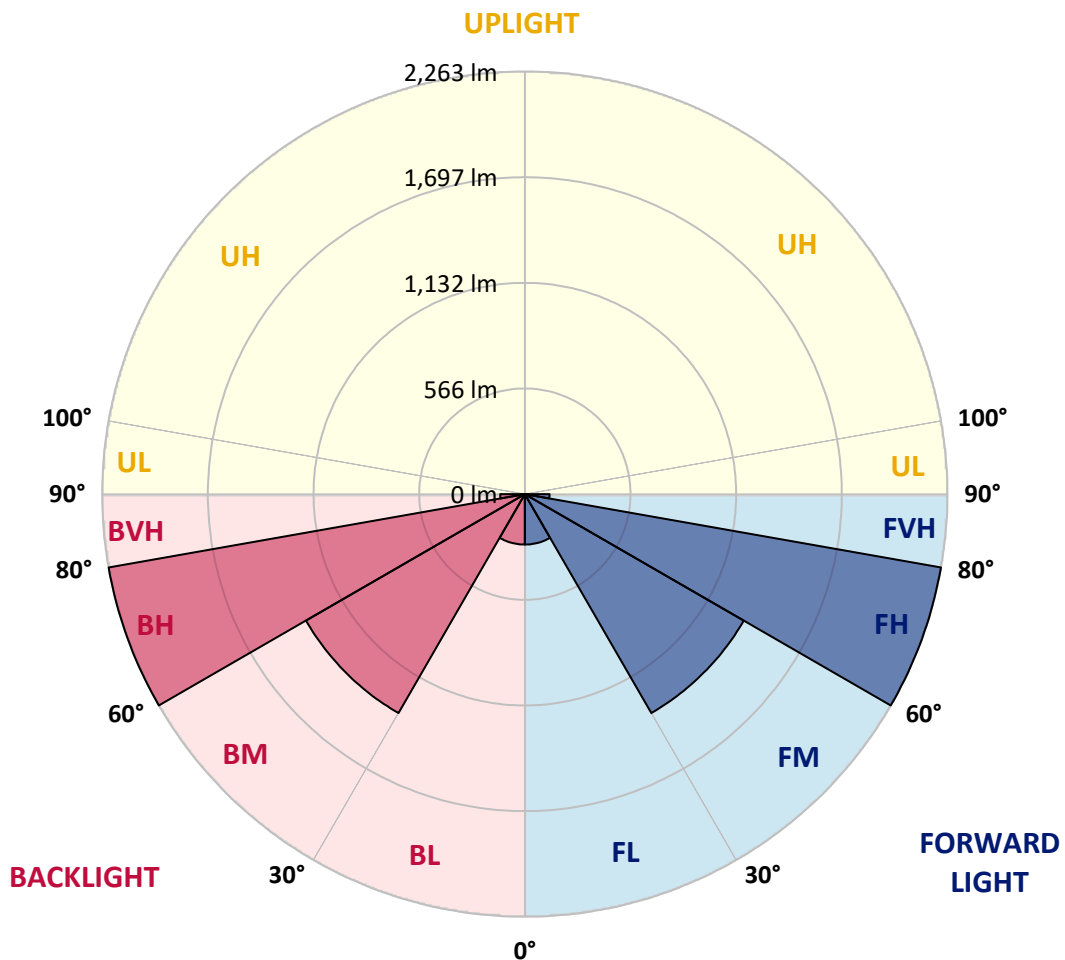
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	270.0	3.4			
FM (30°-60°)	1353.8	16.8			
FH (60°-80°)	2263.3	28.2			G2/5000
FVH (80°-90°)	132.1	1.6			G2/225
BL (0°-30°)	270.0	3.4	B1/500		
BM (30°-60°)	1353.8	16.8	B2/2500		
BH (60°-80°)	2263.3	28.2	B3/2500		G2/5000
BVH (80°-90°)	132.1	1.6			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G2**

Type V Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	626.0	626.0	626.0	626.0	626.0	626.0	626.0	626.0	626.0	626.0	626.0
2.5°	622.0	622.0	623.7	624.3	623.7	623.2	622.6	622.0	623.7	623.2	623.7
5°	620.3	620.3	620.9	621.5	620.3	619.8	618.7	618.1	619.2	619.2	620.3
7.5°	615.9	615.3	615.9	616.4	614.7	614.2	612.5	612.5	612.5	611.9	613.1
10°	611.9	610.8	610.8	609.7	606.9	607.4	605.2	606.9	609.7	610.3	610.8
12.5°	613.6	612.5	611.4	608.6	604.6	605.2	604.6	606.3	610.3	612.5	614.2
15°	621.5	620.3	617.5	612.5	610.3	610.3	609.1	609.7	615.3	618.7	620.3
17.5°	629.9	627.6	622.6	619.2	617.0	618.7	614.7	614.2	618.7	623.7	625.4
20°	636.6	634.9	628.8	624.8	624.8	626.5	622.6	620.3	625.4	631.6	633.2
22.5°	648.4	647.3	641.1	637.2	637.2	637.7	635.5	633.8	639.4	645.6	647.3
25°	665.2	665.2	659.0	657.4	656.8	657.9	655.1	653.4	658.5	663.0	664.7
27.5°	684.8	683.2	678.1	677.0	679.2	683.2	678.1	673.6	677.6	681.5	682.0
30°	705.6	705.6	701.1	701.1	702.8	704.5	700.0	695.5	699.4	703.9	704.5
32.5°	734.8	733.1	731.4	732.0	731.4	729.2	726.9	726.4	729.7	732.5	733.6
35°	770.7	770.1	767.9	769.0	769.0	769.0	762.3	760.0	765.6	767.9	766.7
37.5°	826.2	825.6	820.0	816.7	812.7	811.0	802.6	802.1	815.5	822.3	821.1
40°	894.1	891.8	886.8	881.2	876.1	872.7	864.3	870.5	884.5	889.6	889.6
42.5°	968.1	965.3	959.7	956.9	953.5	950.2	938.9	941.7	958.6	963.6	958.0
45°	1059.0	1055.0	1048.9	1042.7	1037.6	1030.9	1025.3	1028.1	1046.1	1052.2	1047.7
47.5°	1155.4	1154.3	1149.3	1144.2	1139.7	1135.2	1128.0	1133.0	1148.7	1147.6	1138.6
50°	1257.5	1259.8	1260.3	1265.4	1262.0	1262.6	1249.1	1246.3	1258.6	1251.3	1240.1
52.5°	1367.5	1370.8	1382.6	1392.7	1411.2	1413.4	1396.6	1378.7	1376.4	1357.4	1345.6
55°	1494.8	1494.2	1520.0	1548.1	1589.0	1601.9	1564.3	1530.7	1512.2	1475.1	1462.8
57.5°	1638.9	1637.2	1676.5	1725.9	1799.9	1831.9	1762.9	1698.9	1654.1	1609.8	1596.9
60°	1795.4	1799.3	1847.0	1927.2	2055.1	2099.4	1995.1	1889.1	1820.7	1762.9	1757.8
62.5°	1978.3	1978.8	2034.9	2143.7	2309.8	2381.0	2237.4	2093.8	2006.9	1943.5	1930.0
65°	2194.2	2198.1	2258.1	2368.1	2558.8	2646.8	2481.4	2306.4	2203.7	2117.9	2116.2
67.5°	2415.8	2413.5	2468.5	2585.1	2769.1	2850.5	2677.1	2481.9	2348.5	2241.3	2227.3
70°	2557.7	2570.0	2629.5	2741.1	2917.2	2996.3	2785.4	2549.8	2410.2	2312.0	2305.3
72.5°	2438.2	2461.2	2538.0	2723.1	2972.7	3066.4	2759.6	2479.7	2303.6	2204.9	2204.9
75°	1979.4	2017.5	2124.7	2409.6	2780.9	2943.0	2554.9	2170.1	1913.8	1808.3	1808.3
77.5°	1205.9	1242.4	1387.1	1734.8	2245.8	2453.3	2082.6	1634.4	1337.7	1208.7	1191.9
80°	401.0	424.6	566.5	881.7	1378.7	1632.8	1395.5	928.3	599.0	456.6	454.3
82.5°	106.6	116.1	161.5	255.8	598.5	884.5	638.3	306.2	175.6	136.3	125.6
85°	37.0	39.8	68.4	85.3	152.0	292.8	177.8	111.1	85.3	51.6	48.2
87.5°	10.7	11.8	27.5	29.7	43.7	34.2	48.2	44.3	40.4	16.8	15.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)